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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 10. (Cancelled)

11. (Currently Amended) A curable composition comprising a binder bearing at least one ethylenically unsaturated group, and functionalized particles which possess at least one ethylenically unsaturated group and contain radicals of the formula I,

$$\equiv Si-CR^{3}_{2}-A-D-C \tag{I},$$

where the particles are prepared by reacting

- (a) particles of a metal oxide, metal-silicon mixed oxide, silicon dioxide, colloidal silicon dioxide, organopolysiloxane resin or combination thereof, the particles possessing functionality selected from Me-OH, Si-OH, Me-O-Me, Me-O-Si-, Si-O-Si, Me-OR¹ and Si-OR¹, and having an average diameter of less than 1000 nm,
 - (b) with organosilanes of the general formula II,

$$(R^{1}O)_{3,n}(R^{2})_{n}Si-CR^{3}_{2}-A-D-C$$
 (II),

their hydrolysis or condensation products, or mixtures thereof, and [[where]]

(c) and optionally water,

where

- R¹ is hydrogen or a hydrocarbon radical having 1 to 6 carbon atoms, whose carbon chain is optionally interrupted by nonadjacent oxygen, sulfur or NR⁴ groups,
- R² is a hydrocarbon radical having 1 to 12 carbon atoms, whose carbon chain is optionally interrupted by nonadjacent oxygen, sulfur or NR⁴ groups,

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R³ is hydrogen or a hydrocarbon radical having 1 to 12 carbon atoms, whose carbon chain is optionally interrupted by nonadjacent oxygen, sulfur or NR⁴ groups,

R⁴ is hydrogen or a hydrocarbon radical having 1 to 12 carbon atoms,

A is oxygen, sulfur, $=NR^4$ or =N-(D-C),

D is a carbonyl group, or an alkylene, cycloalkylene or arylene radical having 1 to 12 carbon atoms, the carbon chain optionally interrupted by nonadjacent oxygen, sulfur or NR⁴ groups,

C is an ethylenically unsaturated group,

Me is a metal atom, and

n is 0, 1 or 2.

- 12. (Previously Presented) The composition of claim 11, wherein the particles are selected from pyrogenic silica, colloidal silica, and silicone resins.
- 13. (Previously Presented) The composition of claim 11, wherein the hydrocarbon radical R^1 is a methyl, ethyl or phenyl radical.
- 14. (Previously Presented) The composition of claim 11, wherein at least one group (-A-D-C) is a radical $OC(O)C(CH_3) = CR_2^3$, $OC(O)CH = CR_2^3$, $NHC(O)C(CH_3) = CR_2^3$, or $NHC(O)CH = CR_2^3$.
- 15. (Previously Presented) The composition of claim 11, wherein the ethylenically unsaturated groups in the binder are capable of free-radical, cationic or anionic polymerization.
- 16. (Previously Presented) The composition of claim 11, wherein the ethylenically unsaturated groups in the binder are polymerizable by actinic radiation or thermal treatment.

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- 17. (Previously Presented) The composition of claim 11, wherein the ethylenically unsaturated groups in the binder are selected from vinyl groups, methacrylate groups, acrylate groups, acrylamide groups, and mixtures thereof.
- 18. (Previously Presented) The process for coating a substrate, comprising applying to a surface of said substrate a composition of claim 11, and curing said composition.
 - 19. (New) The composition of claim 11, wherein both of R³ are H.
- 20. (New) The composition of claim 11, wherein the organosilanes of the general formula (II) are organosilanes of the formula

$$CH_3$$

 $CH_3O)_{3-n}$
 $CH_3O)_{3-n}$
 CH_3OO
 CH_3OO
 CH_3OO
 COO
 COO

21. (New) The composition of claim 11, wherein the organosilanes of the general formula (II) are selected from the group consisting of methacrylomethyltrimethoxysilane, methacrylomethyldimethylmethoxysilane, and mixtures thereof.